

- (b) in the pre-existing intracellular pathway for the synthesis [of] or degradation of starch, or
  - (c) in the pre-existing intracellular pathway for the synthesis or degradation of sucrose or reducing sugar, and
- [(11)] (ii) regenerating a plant from the transformed cell.

21. (thrice amended) A transgenic potato plant according to claim 20, which additionally harbors in its cells a second chimaeric gene which [wherein the gene also] comprises a second promoter operably linked to a second coding sequence which encodes [for] a second enzyme; said second chimaeric gene being capable of expression in the cells of the transgenic potato plant.

Please add the following new claims.

- 60. (new) A process for producing a transgenic plant, which comprises:
- (a) transforming a plant cell with a chimeric gene comprising a promoter operably linked to a sequence encoding an adenosine diphosphoglucose pyrophosphorylase to produce a transgenic plant cell, and
  - (b) regenerating the transgenic plant from the transgenic plant cell,
- wherein the promoter causes expression of the sequence in the transgenic plant.

61. (new) The process according to claim 60, wherein the sequence is from a bacterium.

62. (new) The process according to claim 60, wherein the transgenic plant cell is a potato cell.

63. (new) The process according to claim 62, wherein the transgenic plant cell is a cell of the potato cultivar Desiree, Maris Bard, Record or Russet Burbank.

64. (new) A transgenic plant having a chimeric gene comprising a promoter operably linked to a sequence encoding an adenosine diphosphoglucose